

IAP12 Rec'd PCT/AT 15 MAR 2006

PATENT

DK-US065035

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Masanori MASUDA  
Serial No.: New – (National Phase of  
PCT/JP2005/008636)  
International filing date: May 11, 2005  
For: ROTARY FLUID MACHINE

## INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

In accordance with MPEP 609 and 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant brings the references listed on the attached PTO-1449-Form to the Examiner's attention and request that they be considered and made of record in this application. Copies of the non-U.S. patents are attached.

Japanese Laid Open Publication No 60-90584 appears to disclose a swing rotary fluid device having a seal on a partition plate. A translated portion of the reference is attached to better understand this publication.

Japanese Laid Open Publication No 61-151090 appears to disclose an oscillating fluid device having two rotors arranged back to back on a driving shaft. A translated portion of the reference is attached to better understand this publication.

Japanese Laid Open Publication No 62-138802 appears to disclose a swing fluid device having a ring-shaped sealing member on a swing rotor. A translated portion of the reference is attached to better understand this publication.

Japanese Laid Open Publication No 63-60091 appears to disclose a swing fluid device having a ring-shaped portion of a swing rotor and a blade plate partition. A translated portion of the reference is attached to better understand this publication.

Japanese Patent Publication No. 59-041602 appears to disclose a double multivane type rotary device with a vane supporting that is housed and rotated. An English abstract is attached to better understand this publication.

Japanese Patent Publication No. 59-113289 appears to disclose a rotary compressor having two sets of rotors arranged eccentrically. An English abstract is attached to better understand this publication.

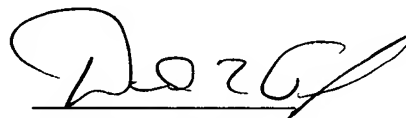
Japanese Patent Publication No. 02-037192 appears to disclose a scroll type fluid device having two-body movable scroll member. An English abstract is attached to better understand this publication.

International Publication No. WO 02-088529 appears to disclose an engine with a tubular body and a rotor.

\* \* \*

Prompt examination on the merits is respectfully requested.

Respectfully submitted,



David L. Tarnoff  
Reg. No. 32,383

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Dated: 3-15-06

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Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

## **Complete if Known**

Application Number	PCT/JP2005/008636
Filing Date	International date of May 11, 2004
First Named Inventor	Masanori MASUDA
Group Art Unit	
Examiner Name	
Attorney Docket Number	DK-US065035

## **U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
		US- 4,990,071-A	02-05-1991	Sugimoto	
		US- 5,399,076-A	03-21-1995	Matsuda et al.	
		US- 2003-0194340-A1	10-16-2003	Ni	
		US- 2005-0031465-A1	02-10-2005	Dreiman	
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## **FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		JP-60-90584-U	06-21-1985	Fujitani		No
		JP-61-151090-U	09-18-1986	Hirakawa		No
		JP-62-138802-U	09-01-1987	Yamada		No
		JP-63-60091-U	04-21-1988	Hirakawa et al.		No
		JP-59-041602-A	03-07-1984	Iwai		No
		JP-59-113289-A	06-29-1984	Tamasaki		No
		JP-02-037192-A	02-07-1990	Sugimoto		No
		JP-06-159278-A	06-07-1994	Matsuda et al.		Yes
		JP-06-288358-A	10-11-1994	Hubert		Yes
		JP-08-128395-A	05-21-1996	Machida et al.		Yes
		JP-09-004575-A	01-07-1997	Takao et al.		Yes
		JP-2000-104677-A	04-11-2000	Hirayama et al.		Yes
		JP-2005-054803-A	03-03-2005	Dreiman		Yes
		WO-02-088529-A1	11-07-2002	Nakano		No
		WO-03-087540-A1	10-23-2003	Ni		N/A

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.